Project Title	Funding	Strategic Plan Objective	Institution
CIHR Chair: Autism Spectrum Disorders Treatment and Care Research	$15,000	Q4.Other	York University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	$0	Q1.L.A	Yale University
Brain-behavior growth charts of altered social engagement in ASD infants	$304,231	Q1.L.A	Yale University
Improved early detection of autism using novel statistical methodology	$52,966	Q1.L.B	Yale University
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	$5,000	Q1.S.A	Yale University
Near-infrared spectroscopy studies of early neural signatures of autism	$149,977	Q2.L.B	Yale University
Role of major vault protein in autism	$0	Q2.Other	Yale University
Functional analysis of EPHB2 mutations in autism - Project 1	$89,633	Q2.Other	Yale University
The neural basis of weak central coherence in autism spectrum disorders	$26,080	Q2.Other	Yale University
Integrative Regulatory Network Analysis of iPSCs Derived Neuronal Progenitors from Macrocephalic ASD Individuals in a Family-based Design	$0	Q2.Other	Yale University
Brain electrophysiology of interactive social stimuli	$54,459	Q2.Other	Yale University
Functional analysis of EFR3A mutations associated with autism	$62,500	Q2.Other	Yale University
Sex differences in the neural mechanisms of treatment response	$5,000	Q2.S.B	Yale University
Role of GABA interneurons in a genetic model of autism	$62,500	Q2.S.D	Yale University
Investigating the etiology of childhood disintegrative disorder	$74,970	Q2.S.F	Yale University
Genetic investigations of motor stereotypies	$124,538	Q2.S.G	Yale University
Developmental neurogenetics in adolescents with autism	$249,603	Q2.S.G	Yale University
Whole exome sequencing of Simons Simplex Collection quads	$536,779	Q3.L.B	Yale University
Simons Simplex Collection support grant	$25,704	Q3.L.B	Yale University
World Health Organization Collaboration	$400,000	Q7.Other	World Health Organization
Attention & word learning in children with ASD-Translating experimental findings into intervention	$53,500	Q2.Other	Women & Infants Hospital
Studying Rett and Fragile X syndrome in human ES cells using TALEN technology	$30,000	Q2.S.D	Whitehead Institute for Biomedical Research
Genetically defined stem cell models of Rett and fragile X syndrome	$350,000	Q2.S.D	Whitehead Institute for Biomedical Research
Creating a more effective path to housing for people with ASD	$10,000	Q6.Other	Westchester Institute for Human Development

Project Title	Funding	Strategic Plan Objective	Institution
Genetic model to study the ASD-associated gene A2BP1 and its target PAC1	$125,000	Q2.Other	Weizmann Institute of Science
Local connectivity in altered excitation/inhibition balance states	$125,000	Q2.Other	Weizmann Institute of Science
Role of Caspr2 (CNTNAP2) in brain circuits- Core	$89,999	Q4.S.B	Weizmann Institute of Science
Simons Variation in Individuals Project (VIP) Recruitment Coordination Site	$216,139	Q2.S.G	Weis Center for Research - Geisinger Clinc
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	$125,000	Q2.S.G	Weis Center for Research - Geisinger Clinc
Pathogenic roles of paternal-age-associated mutations in autism	$62,500	Q2.Other	Weill Cornell Medical College
High metabolic demand of fast-spiking cortical interneurons underlying the etiology of autism	$56,000	Q2.Other	Weill Cornell Medical College
Simons Simplex Collection support grant	$20,991	Q3.L.B	Weill Cornell Medical College
Behavioral and neural underpinnings of learning in autism predict response to intervention	$50,000	Q4.S.F	Weill Cornell Medical College
Mapping functional connectivity networks in autism spectrum disorder with diffuse optical tomography	$56,900	Q2.Other	Washington University in St. Louis
Genome-wide analysis of cis-regulatory elements in autism	$62,500	Q3.L.B	Washington University in St. Louis
Transitioning Together: An intervention program for adolescents with ASD and their families	$0	Q5.Other	Waisman Center
Quality of Life During Midlife in Adults with ASD: Supplement on Dementia	$44,589	Q6.Other	Waisman Center
Quality of life during midlife in adults with ASD	$149,999	Q6.S.A	Waisman Center
The role of brainstem NTS inflammation and oxidative stress in Autism	$43,000	Q2.S.A	Wadsworth Center
VIP Family Meetings	$121,016	Q2.S.G	VIP Family Meetings
A genome-wide search for autism genes in the SSC Vanderbilt	$0	Q3.L.B	Vanderbilt University Medical Center
Simons Simplex Collection support grant	$25,735	Q3.L.B	Vanderbilt University Medical Center
Fragile X syndrome target analysis and its contribution to autism	$259,025	Q2.S.D	Vanderbilt University
Characterization of the sleep phenotype in adolescents and adults with autism spectrum disorder	$150,000	Q2.S.E	Vanderbilt University
Exploring links between multisensory and cognitive function in autism	$60,000	Q4.Other	Vanderbilt University
Sleep education program for adolescents with autism spectrum disorders	$20,000	Q4.S.A	Vanderbilt University

Project Title	Funding	Strategic Plan Objective	Institution
Evaluating hyperserotonemia as a biomarker of sensory dysfunction in autism spectrum disorder	$28,600	Q4.S.B	Vanderbilt University
Autism Treatment Network (ATN) 2011- Vanderbilt University	$140,000	Q7.N	Vanderbilt University
Regressive autism as an infectious disease: Role of the home as an environmental factor	$0	Q3.S.I	VA Medical Center, Los Angeles
Macrocephalic autism: Exploring and exploiting the role of PTEN	$0	Q2.Other	University of Wisconsin - Madison
Speech disorders in individuals with 16p11.2 deletion or duplication	$40,000	Q2.S.G	University of Wisconsin
Measuring imitation and motor control in severe autism	$0	Q1.L.C	University of Washington
Neural mechanisms underlying autism behaviors in SCN1A mutant mice	$194,903	Q2.S.D	University of Washington
Simons Variation in Individuals Project (VIP) Site	$508,680	Q2.S.G	University of Washington
Social processing, language, and executive functioning in twin pairs: Electrophysiological and behavioral endophenotypes	$0	Q2.S.G	University of Washington
Genetic basis of phenotypic variability in 16p11.2 deletion or duplication	$0	Q3.L.B	University of Washington
Whole exome sequencing of Simons Simplex Collection quads	$1,495,957	Q3.L.B	University of Washington
Genomic hotspots of autism	$0	Q3.L.B	University of Washington
Simons Simplex Collection support grant	$24,484	Q3.L.B	University of Washington
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	$256,981	Q4.S.D	University of Washington
Fever, meningeal immunity and immune factors in autism	$59,500	Q2.S.A	University of Virginia
Bone marrow transplantation and the role of microglia in autism	$109,651	Q2.S.A	University of Virginia
20-year outcome of autism	$0	Q2.L.A	University of Utah
Conservation of imprinting for autism-linked genes in the brain	$60,000	Q3.S.J	University of Utah
Characterization of brain and behavior in 7q11.23 duplication syndrome-Core	$164,853	Q4.S.B	University of Toronto
Identification of candidate serum antibody biomarkers for ASD	$112,032	Q1.L.B	University of Texas Southwestern Medical Center
Mechanisms of synapse elimination by autism-linked genes	$240,115	Q2.S.D	University of Texas Southwestern Medical Center
Preclinical therapeutic target validation of glutamate receptors in Shank3 models of autism	$58,900	Q4.S.B	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Temporally controlled genetic rescue of Shank3 autism model	$60,000	Q4.S.B	University of Texas Southwestern Medical Center
Environmental exposures measured in deciduous teeth as potential biomarkers for autism risk	$0	Q3.S.B	University of Texas Health Science Center at San Antonio
Genetic studies of autism-related Drosophila neurexin and neuroligin	$175,802	Q2.Other	University of Texas Health Science Center, San Antonio
Evaluation of a melanocortin agonist to improve social cognition in autism	$74,675	Q4.L.A	University of Sydney
Factors influencing early associative learning as a precursor to social behavior heterogeneity	$54,500	Q2.S.G	University of Southern California
Perinatal exposure to airborne pollutants and associations with autism phenotype	$149,737	Q3.S.C	University of Southern California
Engineering and Autism Workshop	$0	Q7.K	University of Southern California
Autism Treatment Network (ATN) 2011- University of Rochester	$140,000	Q7.N	University of Rochester
Postural and vocal development during the first year of life in infants at heightened biological risk for AS	$0	Q1.L.A	University of Pittsburgh
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	$25,000	Q1.L.A	University of Pittsburgh
Probing the temporal dynamics of aberrant neural communication and its relation to social processing deficits in autism spectrum disorders	$29,987	Q2.Other	University of Pittsburgh
Evidence-based cognitive rehabilitation to improve functional outcomes for young adults with autism spectrum disorders	$0	Q4.S.F	University of Pittsburgh
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	$29,500	Q6.Other	University of Pittsburgh
Autism Treatment Network (ATN) 2011- U of Pittsburgh	$140,000	Q7.N	University of Pittsburgh
A study of autism	$0	Q2.L.B	University of Pennsylvania
Transcriptional responsiveness in lymphoblastoid cell lines	$0	Q2.Other	University of Pennsylvania
Genetic contribution to language-related preclinical biomarkers of autism	$63,513	Q2.S.D	University of Pennsylvania
The role of genetics in communication deficits in autism spectrum disorders	$0	Q2.S.D	University of Pennsylvania
GABA and Gamma-band Activity: Biomarker for ASD?	$25,000	Q2.S.D	University of Pennsylvania
Assessing sleep regulation, sleep-dependent memory consolidation, and sleep-dependent synaptic plasticity in mouse genetic models of schizophrenia and autism spectrum disorders	$32,469	Q2.S.E	University of Pennsylvania

Project Title	Funding	Strategic Plan Objective	Institution
Statistical methodology and analysis of the Simons Simplex Collection and related data	$80,389	Q2.S.G	University of Pennsylvania
Adverse prenatal environment and altered social and anxiety-related behaviors	$15,000	Q4.S.B	University of Pennsylvania
Increasing ASD screening and referral among NYC's Korean Americans	$79,680	Q5.L.A	University of Pennsylvania
Partners in Schools: A program for parents and teachers of childen with autism	$5,000	Q5.L.C	University of Pennsylvania
Multi-Site, Randomized, Controlled Implementation Trial of an Evidence-Based, Adult and Peer-Mediated Social Skills Intervention for Elementary School Children with Autism Spectrum Disorder	$40,000	Q5.S.C	University of Pennsylvania
Contribution of cerebellar CNTNAP2 to autism in a mouse model	$60,000	Q2.Other	University of Oxford
Subependymal zone function in autism spectrum disorders	$0	Q2.Other	University of Oxford
Neuropathology of the social-cognitive network in Autism: a comparison with other structural theories	$143,728	Q2.Other	University of Oxford
Anti-Neuronal Autoantibodies in PANDAS and Autism Spectrum Disorders	$100,000	Q2.S.A	University of Oklahoma Health Sciences Center
RNA expression at human fragile X synapses	$59,217	Q2.S.D	University of North Carolina at Chapel Hill and North Carolina State University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	$90,000	Q1.L.A	University of North Carolina at Chapel Hill
Correcting excitatory-inhibitory imbalance in autism	$112,500	Q2.Other	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	$0	Q2.Other	University of North Carolina at Chapel Hill
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	$58,000	Q2.S.D	University of North Carolina at Chapel Hill
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	$60,000	Q2.S.D	University of North Carolina at Chapel Hill
Improving Social-Communication and Engagement of Elementary Students with Autism Spectrum Disorders	$20,000	Q4.L.D	University of North Carolina at Chapel Hill
Small-molecule compounds for treating autism spectrum disorders	$175,000	Q4.S.B	University of North Carolina at Chapel Hill
Role of UBE3A in neocortical plasticity and function	$77,686	Q4.S.B	University of North Carolina at Chapel Hill
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	$50,600	Q4.S.B	University of North Carolina at Chapel Hill
Early intervention professional development: Evidenced-based practices and program quality	$200,000	Q5.L.A	University of North Carolina at Chapel Hill

Project Title	Funding	Strategic Plan Objective	Institution
Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	$0	Q2.S.D	University of North Carolina, Chapel Hill
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	$359,738	Q1.L.A	University of North Carolina
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	$137,090	Q1.S.B	University of North Carolina
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	$149,995	Q6.L.B	University of North Carolina
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$14,950	Q2.Other	University of New South Wales
A Novel Glial Specific Isoform of Cdkl5: Implications for the Pathology of Autism in Rett Syndrome	$0	Q2.S.D	University of Nebraska Medical Center
Matrix metalloproteinases expression in autism spectrum disorders	$15,000	Q2.Other	University of Naples
Simons Simplex Collection support grant	$30,000	Q3.L.B	University of Missouri
Autism Treatment Network (ATN) 2011- University of Missouri	$136,664	Q7.N	University of Missouri
Health-related quality of life and its determinants in adults with ASD	$8,368	Q6.S.A	University of Mississippi
The effects of the Hane Face Window© on perceptual processing of children with autism spectrum disorders (ASD)	$0	Q4.S.C	University of Minnesota
Early intervention in an underserved population	$85,420	Q4.L.D	University of Michigan
Investigating the Role of RBFOX1 in Autism Etiology	$0	Q2.Other	University of Miami
Autism spectrum disorders –inflammatory subtype: Molecular characterization	$0	Q2.S.A	University of Medicine & Dentistry of New Jersey
The early development of attentional mechanisms in ASD	$0	Q1.L.B	University of Massachusetts, Boston
Dissemination of multi-stage screening to underserved culturally-diverse families	$0	Q1.S.C	University of Massachusetts, Boston
Metabolic factors affecting gamma synchrony	$0	Q4.S.C	University of Louisville; Northeastern University
Children with 7q11.23 duplication syndrome: shared characteristics with autism	$250,000	Q2.S.G	University of Louisville
Behavioral and psycho-physiological study of attentional, perceptual, and emotional processing after treatment with ambient prism lenses and visuo-motor exercises in children with autism spectrum disorder	$0	Q4.S.C	University of Louisville
Electrophysiological and behavioral outcomes of Auditory Integration Training (AIT) in autism	$0	Q4.S.C	University of Louisville

Project Title	Funding	Strategic Plan Objective	Institution
PASS: Parent-mediated intervention for autism spectrum disorders (ASD) in South Asia	$149,916	Q4.S.D	University of Liverpool
16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders	$100,000	Q2.S.D	University of Lausanne
Kit for Kids evaluation project: An initial evaluation of evidence-based peer education materials	$20,000	Q4.L.D	University of Kentucky
Beta-catenin signaling in autism spectrum disorders	$60,100	Q2.S.G	University of Illinois at Chicago
Simons Simplex Collection support grant	$23,645	Q3.L.B	University of Illinois at Chicago
Modeling Gut Microbial Ecology and Metabolism in Autism Using an Innovative Ex Vivo Approach	$22,441	Q3.S.I	University of Guelph
Social interaction and reward in autism: Possible role for ventral tegmental area	$124,936	Q2.Other	University of Geneva
Cellular and molecular pathways of cortical afferentation in autism spectrum disorders	$45,000	Q4.S.B	University of Geneva
Physiological studies in a human stem cell model of 15q duplication syndrome	$60,000	Q2.S.D	University of Connecticut
Embodied rhythm interventions for children with autism spectrum disorders	$60,000	Q4.S.C	University of Connecticut
Screening, diagnosis and parent training for young children with ASD in Albania	$99,948	Q5.L.A	University of Connecticut
Multimodal neuroimaging of motor dysfunction in autism spectrum disorders	$58,000	Q2.Other	University of Colorado Denver
Salivary melatonin as a biomarker for response to sleep interventions in children with autism	$0	Q2.S.E	University of Colorado Denver
Improving educational identification in rural communities	$100,000	Q5.L.C	University of Colorado Denver
Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior	$0	Q3.S.K	University of Coimbra
Cerebellar plasticity and learning in a mouse model of autism	$62,500	Q2.Other	University of Chicago
Development of a connectomic functional brain imaging endophenotype of autism	$13,634	Q2.Other	University of Cambridge
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	$29,500	Q2.L.B	University of California, Santa Barbara
Training paraprofessionals to provide appropriate social opportunities for children with ASD	$9,296	Q5.L.C	University of California, Santa Barbara
ERK signaling and autism: Biomarker development	$2,405	Q1.L.B	University of California, San Francisco
Autism and the RASopathies	$0	Q1.S.B	University of California, San Francisco
Characterizing the regulatory pathways and regulation of AUTS2	$0	Q2.Other	University of California, San Francisco
Deciphering the function and regulation of AUTS2	$0	Q2.Other	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Role of negative regulators of FGF signaling in frontal cortex development and autism	$15,000	Q2.Other	University of California, San Francisco
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	$0	Q2.Other	University of California, San Francisco
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	$60,000	Q2.Other	University of California, San Francisco
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	$53,000	Q2.Other	University of California, San Francisco
Linking circuit dynamics and behavior in a rat model of autism	$0	Q2.S.D	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	$434,182	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$1,142,798	Q2.S.G	University of California, San Francisco
Role of myelinating cells in autism spectrum disorders	$60,000	Q2.S.G	University of California, San Francisco
A gene-driven systems approach to identifying autism pathology	$249,874	Q2.S.G	University of California, San Francisco
Dissecting expression regulation of an autism GWAS hit	$15,000	Q3.L.B	University of California, San Francisco
Quantitative analysis of effect of autism-related genes on behavioral regulation	$0	Q4.S.B	University of California, San Francisco
Effect of abnormal calcium influx on social behavior in autism	$62,500	Q4.S.B	University of California, San Francisco
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	$0	Q4.S.C	University of California, San Francisco
Stimulus preceding negativity and social stimuli in autism spectrum disorder	$28,580	Q2.Other	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	$149,715	Q2.Other	University of California, San Diego
Using fruit flies to map the network of autism-associated genes	$124,996	Q2.Other	University of California, San Diego
Relating copy number variants to head and brain size in neuropsychiatric disorders	$399,146	Q2.S.G	University of California, San Diego
Mutations in noncoding DNA and the missing heritability of autism	$124,987	Q3.L.B	University of California, San Diego
Electrophysiologic biomarkers of language function in autism spectrum disorders	$28,600	Q2.L.B	University of California, Los Angeles
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	$201,838	Q2.Other	University of California, Los Angeles
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	$54,400	Q2.Other	University of California, Los Angeles
Abnormal connectivity in autism	$15,000	Q2.Other	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	$0	Q2.Other	University of California, Los Angeles
A functional genomic analysis of the cerebral cortex	$486,802	Q2.Other	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UCLA	$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	$30,000	Q3.L.B	University of California, Los Angeles
Genome-wide expression profiling data analysis to study autism genetic models	$0	Q3.S.A	University of California, Los Angeles
Effectiveness of a virtual coach application in social skills training for teens with ASD	$30,000	Q4.L.D	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	$150,000	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	$288,364	Q4.L.D	University of California, Los Angeles
Anxiety treatment for children with autism and intellectual disability	$27,460	Q4.S.A	University of California, Los Angeles
Exploring VIPR2 microduplication linkages to autism in a mouse model	$60,000	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	$0	Q4.S.B	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	$60,000	Q4.S.B	University of California, Los Angeles
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	$150,000	Q4.S.C	University of California, Los Angeles
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$0	Q2.Other	University of California, Davis Medical Center University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	$117,851	Q1.L.A	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	$150,000	Q1.S.B	University of California, Davis
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$0	Q2.Other	University of California, Davis
Convergence of immune and genetic signaling pathways in autism and schizophrenia	$29,430	Q2.S.A	University of California, Davis
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	$28,600	Q2.S.A	University of California, Davis
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	$25,000	Q2.S.D	University of California, Davis
Environmental exposure unveils mitochondrial dysfunction in autism	$60,000	Q3.S.E	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) Bridge	$0	Q3.S.F	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Gestational exposure questionnaire validation and feasibility study	$20,262	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	$0	Q3.S.I	University of California, Davis
The role of serotonin in social bonding in animal models	$0	Q3.S.K	University of California, Davis
Expanding the reach of toddler treatment in autism	$18,569	Q4.L.D	University of California, Davis
Training Community Providers to Implement an Evidence-Based Early Intervention Program	$149,569	Q4.Other	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	$90,713	Q4.S.B	University of California, Davis
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	$200,000	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics	$94,331	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)	$200,894	Q4.S.B	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	$253,534	Q4.S.D	University of California, Davis
Economic burden of current and future autism	$60,000	Q6.L.D	University of California, Davis
Examining vocational services for adults with autism	$59,755	Q6.S.A	University of Calgary
Autism Linked LRRTM4-Heparan Sulphate Proteoglycan Complex Functions in Synapse Development	$0	Q2.S.G	University of Brtish Columbia
Autism Treatment Network (ATN) 2011- Arkansas	$113,436	Q7.N	University of Arkansas for Medical Sciences
Healthy GFCF Modified Atkins Diet for Treating Seizures in Autism	$34,000	Q4.S.C	University of Arkansas & Arizona St. University
Genomic influences on development and outcomes in infants at risk for autism	$681,108	Q3.L.B	University of Alberta
Genomic influences on development and outcomes in Infants at risk of ASD	$337,779	Q3.S.A	University of Alberta
Genomic influences on developmental course and outcome in Infants at risk of ASD: A Baby Siblings Research Consortium (BSRC) Study	$149,882	Q3.S.A	University of Alberta
Autism Treatment Network (ATN) 2011- Glenrose Rehabilitation Hospital	$139,002	Q7.N	University of Alberta
Elevated urinary P-cresol in small autistic children: Origin and consequences	$0	Q3.S.I	Universita Campus Bio-Medico di Roma
A multidimensional database for the Simons Simplex Collection	$149,396	Q7.Other	Univeristy of California, Los Angeles
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	$5,000	Q5.L.C	UCSD
Role of astrocytic glutamate transporter GLT1 in Fragile X	$5,000	Q2.S.D	Tufts University

Project Title	Funding	Strategic Plan Objective	Institution
Deficits in tonic inhibition and the pathology of autism spectrum disorders	$62,500	Q4.S.B	Tufts University
Role of astrocytic glutamate transporter GLT1 in fragile X	$0	Q4.S.B	Tufts University
Comprehensive Phenotyping of Autism Mouse Models	$416,495	Q4.S.B	The University of Pennsylvania
Cerebellar plasticity and learning in a mouse model of austim	$0	Q2.S.D	The University of Chicago
Understanding the basic neurobiology of Pitt-Hopkins syndrome	$0	Q2.S.D	The University of Alabama at Birmingham
A stem cell based platform for identification of common defects in autism spectrum disorders	$0	Q2.S.D	The Scripps Research Institute - California
RNA dysregulation in autism	$250,000	Q2.Other	The Rockefeller University
Autism Genome Project Consortium data reanalysis using computational biostatistics	$0	Q3.L.B	The Rockefeller University
Genetic and environmental interactions leading to autism-like symptoms	$0	Q3.S.K	The Rockefeller University
A mouse model of top-down interactions	$0	Q4.S.B	The Rockefeller University
Autism, GI symptoms and the enteric microbiota	$350,814	Q3.S.I	The Research Foundation of the State University of New York at Stony Brook
Evaluation of synchronous online parent skill training	$10,000	Q4.L.D	The Research Foundation of the State University of New York
Increasing autism awareness in Ethiopia: The HEAT+ project	$99,750	Q5.L.A	The Open University
Autism Genome Project (AGP): Genome sequencing and analysis supplement	$0	Q3.L.B	The Hospital for Sick Children
Examining the Y-chromosome in autism spectrum disorder	$0	Q3.L.B	The Hospital for Sick Children
Identifying genetic variants on the Y chromosome of males with autism	$53,430	Q3.L.B	The Hospital for Sick Children
Maternal autoreactivity and autoimmune disease in autism	$0	Q3.S.E	The Feinstein Institute for Medical Research
Characterizing autism-related intellectual impairment and its genetic mechanisms	$120,472	Q1.S.B	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Structural Imaging and Phenotyping Site - SCAP-local	$260,788	Q2.S.G	The Children's Hospital of Philadelphia
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$419,819	Q2.S.G	The Children's Hospital of Philadelphia
Mitochondria and the etiology of autism	$350,000	Q3.L.B	The Children's Hospital of Philadelphia
Using lag schedules of reinforcement to teach play skills to children with autism spectrum disorders	$9,278	Q4.L.D	Texas State University

Project Title	Funding	Strategic Plan Objective	Institution
Increasing variability of verbal initiations through the responses of conversation patterns	$2,449	Q4.Other	Texas Christian University
NMR/cyro-mMR Machine	$125,000	Q7.P	Texas Children's Hospital
Mouse Model of Dup15q Syndrome	$84,253	Q2.S.D	Texas AgriLife Research
Emergent communication skills of nonverbal children with autism facilitated by relational responding	$57,996	Q4.S.G	Swansea University
Folate receptor autoimmunity in Autism Spectrum Disorders	$149,755	Q2.S.A	State University of New York, Downstate Medical Center
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	$0	Q4.S.B	Stanford University School of Medicine
A functional near-infrared spectroscopy study of first signs of autism	$67,573	Q1.L.A	Stanford University
Mobilized technology for rapid screening and clinical prioritization of ASD	$63,535	Q1.S.B	Stanford University
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	$59,825	Q2.L.B	Stanford University
CLARITY: circuit-dynamics and connectivity of autism-related behavior	$248,468	Q2.Other	Stanford University
Role of CNTNAP2 in neuronal structural development and synaptic transmission	$55,200	Q2.Other	Stanford University
Function and dysfunction of neuroligins in synaptic circuits	$450,000	Q2.Other	Stanford University
GABRB3 and prenatal immune events leading to autism	$62,500	Q2.S.A	Stanford University
Mesocorticolimbic dopamine circuitry in mouse models of autism	$349,295	Q2.S.D	Stanford University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	$62,314	Q2.S.D	Stanford University
Restoring cortical plasticity in a Rett mouse model	$60,000	Q2.S.D	Stanford University
Characterizing sleep disorders in autism spectrum disorder	$75,107	Q2.S.E	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	$0	Q4.L.A	Stanford University
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	$53,600	Q4.L.A	Stanford University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	$200,000	Q4.S.B	Stanford University
Biomarker discovery for low sociability: A monkey model	$62,500	Q4.S.B	Stanford University
Social reward in autism: Electrophysiological, behavioral, and clinical correlates	$51,400	Q2.Other	Seattle Childrens Hospital
Autism Biomarker Discovery Program	$1,999,984	Q2.L.B	Seaside Therapeutics

Project Title	Funding	Strategic Plan Objective	Institution
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	$0	Q3.S.E	Sanford Burnham Medical Research Center
Examining connectivity patterns of brain networks participating in social cognition in ASD	$0	Q2.Other	San Diego State University
Thalamocortical connectivity in children and adolescents with ASD-A combined fcMRI and DTI approach	$28,600	Q2.Other	San Diego State University
ASD - Inflammatory Subtype: Molecular Mechanisms	$20,148	Q2.S.A	Rutgers University
Increasing functional vocational skills in adolescents and adults with autism using behavioral economics	$20,000	Q6.L.A	Rutgers, The State University of New Jersey
Rutgers, The State University of New Jersey	$1,439,734	Q7.D	Rutgers, The State University of New Jersey
Amygdala circuitry of impaired social-emotional behavior in autism	$58,488	Q2.Other	Rosalind Franklin University of Medicine and Science
Sex-Specific Gene-Environment Interactions Underlying ASD	$35,000	Q2.S.B	Rockefeller University
Platform for autism treatments from exome analysis	$100,000	Q2.S.E	Rockefeller University
Whole-exome sequencing to identify causative genes for autism	$175,000	Q3.L.B	Rockefeller University
Paternal age and epigenetic mechanisms in psychiatric disease	$15,000	Q3.S.J	Research Foundation for Mental Hygiene, Inc/NYSPI
An experimental evaluation of matrix training to teach graphic symbol combinations in severe autism	$20,000	Q4.S.G	Purdue University
PsychoGenics Inc.	$312,375	Q4.S.B	PsychoGenics Inc.
Prometheus Research, LLC	$3,007,005	Q7.N	Prometheus Research, LLC
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	$59,734	Q2.S.G	Posit Science Corporation
Hybrid social communication intervention for children with ASD: Sibling mediation and video modeling	$59,997	Q4.Other	Portland State University
Effects of incidental teaching on expressive language of school age children with ASD who use AAC	$27,344	Q4.L.D	Pennsylvania State University
Functional brain networks in autism and attention deficit hyperactivity disorder	$0	Q1.L.B	Oregon Health & Science University
Autism Treatment Network (ATN) 2011- OHSU	$140,000	Q7.N	Oregon Health & Science University
Neuroligin, oxidative stress and autism	$150,000	Q2.Other	Oklahoma Medical Research Foundation
Factors affecting teacher implementation of ReThink Autism Program	$24,942	Q5.L.C	Nova Southeastern University
Regulation of cortical critical periods in a mouse model of autism	$0	Q2.S.D	Northwestern University
Pragmatic language and social-emotional processing in autism, fragile X, and the FMR1 premutation	$29,474	Q2.S.D	Northwestern University

Project Title	Funding	Strategic Plan Objective	Institution
Cerebellar signaling in mouse models of autism	$125,000	Q4.S.B	Northwestern University
Home-based system for biobehavioral recording of individuals with autism	$353,250	Q4.Other	Northeastern University
Interneuron subtype-specific malfunction in autism spectrum disorders	$120,000	Q2.Other	New York University School of Medicine
Regulation of gene expression through complex containing AUTS2	$100,854	Q3.S.J	New York University School of Medicine
Reliability of sensory-evoked activity in autism	$0	Q1.L.B	New York University
Dysregulated Translation and Synaptic Dysfunction in Medium Spiny Neurons of Autism Model Mice	$0	Q2.Other	New York University
Spatial attention in autism spectrum disorders	$0	Q2.Other	New York University
Canonical neural computation in autism	$321,362	Q2.Other	New York University
Roles of pro-inflammatory Th17 cells in autism	$124,989	Q2.S.A	New York University
Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism	$61,999	Q2.S.D	New York University
Brain mitochondrial abnormalities in autism	$0	Q2.S.A	New York State Institute for Basic Research in Developmental Disabilities
Role of RAS/RAF/ERK pathway in pathogenesis and treatment of autism	$0	Q4.S.B	New York State Institute for Basic Research in Developmental Disabilities
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	$20,000	Q1.L.B	New England Center for Children
Sponsorship of NeuroDevNet Brain Development Conference	$7,500	Q7.K	NeuroDevNet
Determining the role of GABA in four animal models of autism	$166,895	Q2.Other	Neurochlore
Autism Treatment Network (ATN) 2011- Nationwide Children's Hospital	$140,000	Q7.N	Nationwide Children's Hospital
Making Connections: White Matter Malformation in Developmental Disorders Conference	$10,000	Q7.K	National Organization for Disorders of the Corpus Callosum
Probing the Molecular Mechanisms Underlying Autism: Examination of Dysregulated Protein Synthesis	$49,300	Q2.S.D	National Institute of Mental Health (NIH)
Predicting outcomes in autism with functional connectivity MRI	$14,998	Q1.L.B	National Institute of Mental Health
ASD prevalence by DSM-IV and DSM-5: Total population study	$0	Q1.Other	Nathan Kline Institute
Annual SFARI Meeting	$545,469	Q7.K	N/A
SFARI Conferences, Workshops & Events	$232,606	Q7.Other	N/A
Genome-wide analyses of DNA methylation in autism	$0	Q3.S.J	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Role of cadherin 8 in assembling circuits in the prefrontal cortex	$62,376	Q4.S.B	Mount Sinai School of Medicine
Identifying high-impact therapeutic targets for autism spectrum disorders using rat models	$137,173	Q4.S.B	Mount Sinai School of Medicine
Hyperthermia and the amelioration of autism symptoms	$66,153	Q2.S.A	Montefiore Medical Center
Testing the use of helminth worm ova in treating autism spectrum disorders	$0	Q4.L.A	Montefiore Medical Center
Enhancing neurobehavioural and clinical definitions in autism spectrum disorders	$14,000	Q2.Other	Monash University
The use of non-invasive brain stimulation to improve social relating in autism spectrum disorders	$28,000	Q4.S.F	Monash University
Mindspec, Inc.	$931,150	Q7.Other	Mindspec, Inc.
Denritic Cell Function in Autism	$26,920	Q2.S.A	MIND Institute
Effectiveness of reciprocal imitation training for adolescents with low-functioning autism	$0	Q4.L.D	Michigan State University
Enhancing traditional group social skill instruction using video-based group instruction tactics	$20,000	Q4.L.D	Michigan State University
Using an internet-based program to teach a naturalistic intervention to parents of children with ASD	$0	Q5.L.C	Michigan State University
CNTNAP2 regulates production, migration and organization of cortical neurons	$62,496	Q2.Other	Memorial Sloan-Kettering Cancer Center
South Carolina Children's Educational Surveillance Study: Comparison of DSM-IV & DSM-5 prevalence	$56,606	Q1.Other	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring Network augmentation with screening and assessment	$262,621	Q7.I	Medical University of South Carolina
Connections between autism, serotonin and hedgehog signaling	$124,401	Q2.S.D	Medical Research Council-National Institute for Medical Research
Functional analysis of EPHB2 mutations in autism	$124,950	Q2.Other	McLean Hospital
Simons Simplex Collection support grant	$21,268	Q3.L.B	McGill University Health Centre- Montreal Children's Hospital
Perturbation of Excitatory Synapse Formation in Autism Spectrum Disorders	$0	Q2.Other	Max Planck Florida Institute for Neuroscience
Role of Serotonin Signaling during Neural Circuitry Formation in Autism Spectrum Disorders	$0	Q2.S.D	Massachusetts Institute of Technology
Probing the neural basis of social behavior in mice	$125,000	Q2.S.D	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	$0	Q4.S.B	Massachusetts Institute of Technology
Dissecting the circuits underlying autism-like behaviors in mice	$175,000	Q4.S.B	Massachusetts Institute of Technology
Synaptic pathophysiology of 16p11.2 model mice	$250,000	Q4.S.B	Massachusetts Institute of Technology
The new Simons Center for the Social Brain	$5,500,000	Q7.K	Massachusetts Institute of Technology

Project Title	Funding	Strategic Plan Objective	Institution
Infrastructure support for autism research at MIT	$0	Q7.K	Massachusetts Institute of Technology
Sequence-based discovery of genes with pleiotropic effects across diagnostic boundaries and throughout the lifespan	$29,995	Q3.L.B	Massachusetts General Hospital and Harvard University
Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism	$0	Q1.L.B	Massachusetts General Hospital
Local functional connectivity in the brains of people with autism	$108,297	Q2.L.B	Massachusetts General Hospital
Analysis of autism linked genes in C. elegans	$62,500	Q2.Other	Massachusetts General Hospital
Molecular signatures of autism genes and the 16p11.2 deletion	$62,500	Q2.Other	Massachusetts General Hospital
3 Tesla 31Phosphorus magnetic resonance spectroscopy in disorder with abnormal bioenergetics	$0	Q2.Other	Massachusetts General Hospital
Classifying autism etiology by expression networks in neural progenitors and differentiating neurons	$149,999	Q2.Other	Massachusetts General Hospital
Retrograde synaptic signaling by Neurexin and Neuroligin in C. elegans	$125,000	Q2.Other	Massachusetts General Hospital
Translational dysregulation in autism pathogenesis and therapy	$125,000	Q2.S.D	Massachusetts General Hospital
Cryptic chromosomal aberrations contributing to autism	$135,649	Q3.L.B	Massachusetts General Hospital
Role of Intestinal Microbiome in Children with Autism	$29,000	Q3.S.I	Massachusetts General Hospital
Control of synaptic protein synthesis in the pathogenesis and therapy of autism	$148,914	Q4.S.B	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011 - MGH Clinical Coordinating Center	$445,000	Q7.N	Massachusetts General Hospital
Autism Treatment Network (ATN) 2011-MGH/LADDERS	$140,000	Q7.N	Massachusetts General Hospital
Characterizing the severely affected autism population	$146,315	Q7.C	Maine Medical Cetner Research Institute
Altered sensorimotor processing in a mouse model of autism	$60,000	Q2.Other	Louisiana State University School of Veterinary Medicine
Roles of miRNAs in regulation of Foxp2 and in autism	$15,000	Q2.Other	Louisiana State University
Estimating the economic costs of autism	$0	Q6.L.D	London School of Economics
In-vivo MRS assay of brain glutamate-GABA balance and drug response in autism	$58,561	Q2.L.B	King's College London
Autism phenotypes in Tuberous Sclerosis: Risk factors, features & architecture	$149,999	Q2.S.D	King's College London
Role of Caspr2 (CNTNAP2) in brain circuits - Project 1	$79,675	Q4.S.B	King's College London
Why do people with autism spectrum disorders fare so differently in adult life?	$146,546	Q6.S.A	King's College London

Project Title	Funding	Strategic Plan Objective	Institution
EU-AIMS	$130,188	Q7.C	King's College London
Assessing the accuracy of rapid phenotyping of nonverbal autistic children	$124,998	Q1.S.A	Kennedy Krieger Institute
Understanding the brain basis of impaired imitation learning in autism	$56,900	Q2.Other	Kennedy Krieger Institute
A preliminary investigation of the neurobehavioral basis of sensory behavior in autism	$20,000	Q2.Other	Kennedy Krieger Institute
Effects of active motor & social training on developmental trajectories in infants at high risk for ASD	$0	Q4.Other	Kennedy Krieger Institute
Effects of self-generated experiences on social cognitive development in young children with autism	$149,997	Q4.S.F	Kennedy Krieger Institute
Occurrence and family impact of elopement in children with ASD	$0	Q5.S.D	Kennedy Krieger Institute
Survey of services needs of adults with ASD	$0	Q6.S.A	Kennedy Krieger Institute
Accelerating Autism Research through the Interactive Autism Network (IAN Core)	$453,738	Q7.C	Kennedy Krieger Institute
Simons Simplex Community at the Interactive Autism Network (SSC@IAN)	$97,500	Q7.C	Kennedy Krieger Institute
Autism Treatment Network (ATN) 2011- KKI	$25,000	Q7.N	Kennedy Krieger Institute
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	$150,000	Q3.S.C	Kaiser Permanente
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	$149,999	Q3.S.E	Kaiser Foundation Research Institute
Role of LIN28/let-7 axis in autism	$62,500	Q2.Other	Johns Hopkins University School of Medicine
Sequencing Female-enriched Multiplex Autism Families (FEMFs)	$0	Q3.L.B	Johns Hopkins University School of Medicine
Integrative genetic analysis of autism brain tissue	$0	Q3.L.B	Johns Hopkins University School of Medicine
Epigenetic DNA modifications in autistic spectrum disorders	$163,813	Q3.S.J	Johns Hopkins University School of Medicine
Studying the neural development of patient-derived stem cells	$62,500	Q4.S.B	Johns Hopkins University School of Medicine
The role of glutamate receptor intereacting proteins in autism	$249,999	Q4.S.B	Johns Hopkins University School of Medicine
The role of the GRIP protein complex in AMPA receptor trafficking and autism spectrum disorders	$15,000	Q2.Other	Johns Hopkins University
GABAergic dysfunction in autism	$50,000	Q2.Other	Johns Hopkins University
Why are autistic females rare and severe? An approach to autism gene identification.	$28,600	Q2.S.B	Johns Hopkins University
Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh	$0	Q3.L.D	Johns Hopkins University

Project Title	Funding	Strategic Plan Objective	Institution
Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders	$29,500	Q3.S.H	Johns Hopkins University
Genome-wide examination of DNA methylation in autism	$149,999	Q3.S.J	Johns Hopkins University
Comprehensive parent-mediated intervention for children with autism in southern Taiwan	$100,000	Q4.S.D	Johns Hopkins University
International Meeting for Autism Research (IMFAR) Support	$0	Q7.K	International Society for Autism Research
Meeting grant - International Meeting for Autism Research (IMFAR)	$25,000	Q7.K	International Meeting for Autism Research (IMFAR)
Genomic profiling of autism families using whole-genome sequencing	$174,960	Q3.L.B	Institut Pasteur
Identification and Functional Analysis of Risk Genes for Autistic Macrocephaly	$0	Q2.S.G	Institute of Psychiatry/King's College London
Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals	$100,000	Q3.S.H	Institute of Preventive Medicine at Frederiksberg Hospital
Biomarkers and diagnostics for ASD	$0	Q1.S.A	Institute of Biotechnology
Very early behavioral indicators of ASD risk among NICU infants: A prospective study	$149,986	Q3.S.H	Institute for Basic Research in Developmental Disabilities
Research project about a potential infectious origin of autism	$0	Q3.S.E	Institut de Recherche Luc Montagnier
Mirtazapine treatment of anxiety in children and adolescents with pervasive developmental disorders	$99,971	Q4.L.C	Indiana University
Illumina, Inc.	$556,250	Q3.L.B	Illumina, Inc.
Early-Stage Visual Processing in ASD: Neurophysioloigcal Biomarkers Using Visual Evoked Potentials	$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai
Developing a Sensory Reactivity Composite Score for the New DSM-5	$35,000	Q1.S.B	Icahn School of Medicine at Mount Sinai
Human Clinical Trial of IGF-1 in Children with Idiopathic ASD	$25,000	Q4.L.C	Icahn School of Medicine at Mount Sinai
Multigenic basis for autism linked to 22q13 chromosomal region	$250,000	Q2.S.D	Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY
Interactive Autism Network Core and Simons Simplex Collection Registry	$350,000	Q7.C	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
Interactive Autism Network-Core Activities	$100,000	Q7.Other	Hugo W. Moser Research at Kennedy Krieger, Inc.
Brain-behavior interactions and visuospatial expertise in autism: a window into the neural basis of autistic cognition	$14,800	Q2.Other	Hospital Riviere-des-Praires, University of Montreal, Canada
A multi-site double-blind placebo-controlled trial of memantine vs. placebo in children with autism	$0	Q4.L.A	Holland Bloorview Kids Rehabilitation Hospital
Autism Treatment Network (ATN) 2011-Toronto Consortium	$140,000	Q7.N	Holland Bloorview Kids Rehabilitation Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Mutations in heterochromatin-related genes in autism	$0	Q3.S.J	Hebrew University of Jerusalem
A system-level approach for discovery of phenotype specific genetic variation in ASD	$29,500	Q2.S.G	Hebrew University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	$15,000	Q1.L.A	Harvard University
The Brain Genomics Superstruct Project	$150,000	Q2.L.B	Harvard University
Neural Correlates of Imitation in Children with Autism and their Unaffected Siblings	$28,600	Q2.L.B	Harvard University
Behavioral and neural responses to emotional faces in individuals with ASD	$29,871	Q2.Other	Harvard University
Simons Variation in Individuals Project (VIP) Imaging Analysis Site	$159,805	Q2.S.G	Harvard University
Prosodic and pragmatic training in highly verbal children with autism	$200,000	Q4.Other	Harvard University
Exploration of resting-state network dynamics in autism spectrum disorders	$30,000	Q4.Other	Harvard University
Protein interaction networks in autism	$62,500	Q2.Other	Harvard Medical School
The role of UBE3A in autism	$250,001	Q2.S.D	Harvard Medical School
Establishing next-generation tools for quantitative behavioral phenotyping	$0	Q4.S.B	Harvard Medical School
Optical imaging of circuit dynamics in autism models in virtual reality	$0	Q4.S.B	Harvard Medical School
Understanding Cell Heterogeneity In Human Brain Using Droplet Microfluidics And Single-Cell Transcriptomics	$0	Q7.D	Harvard Medical School
Urokinase-type plasminogen activator plasma concentration and its relationship to hepatocyte growth factor (HGF) and GABA levels in autistic children	$0	Q2.Other	Hartwick College
To Determine Epidermal growth factor (EGF) and EGF Receptor Plasma Concentration and It's Relationship to Hepatocyte Growth Factor (HGF), GABA Levels and Symptom Severity in Autistic Children	$4,500	Q2.S.A	Hartwick College
To study the relationship between low GAD2 levels and anti-GAD antibodies in autistic children	$0	Q2.S.A	Hartwick College
To Study Maternal Anti-GAD Antibodies in Autism	$5,260	Q3.S.E	Hartwick College
Inhibition in the CNS (GRS)	$10,000	Q7.K	Gordon Research Conferences
Georgia Tech Non-Invasive Gaze Tracking Project	$0	Q1.S.B	Georgia Tech Research Corporation
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	$29,500	Q1.L.A	Georgia State University
Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)	$149,999	Q1.S.B	Georgia State University

Project Title	Funding	Strategic Plan Objective	Institution
Exploring metabolic dysfunction in the brains of people with autism	$0	Q2.S.A	George Washington University
Elucidation and rescue of amygdala abnormalities in the Fmr1 mutant mouse model of fragile X syndrome	$0	Q2.S.D	George Washington University
Language learning in autism	$0	Q1.L.C	Georgetown University
Functional Connectivity during Working Memory in Children with ASD: A NIRS Study	$29,500	Q2.Other	Georgetown University
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	$168,626	Q2.S.G	Geisinger Clinic, Weis Center for Research
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	$228,375	Q2.S.G	Geisinger Clinic
Foundation Associates agreement (BrainNet)	$250,000	Q2.S.C	Foundation Associates, LLC
Using Growth Trajectories To Predict Distal Outcomes in Parent-Implemented Intervention for Toddlers	$29,500	Q4.L.D	Florida State University
Social-pragmatic treatment for adults with autism spectrum disorder: The Interview Skills Curriculum	$0	Q6.L.A	Florida State University
The role of UBE3A in autism: Is there a critical window for social development?	$54,450	Q2.S.D	Erasmus University Medical Center
Prenatal folic acid and risk for autism spectrum disorders	$124,870	Q3.S.H	Emory University School of Medicine
Gender and cognitive profile as predictors of functional outcomes in school-aged children with ASD	$0	Q4.S.F	Emory University Marcus Autism Center
Growth charts of altered social engagement in infants with autism	$56,589	Q1.L.A	Emory University
Physical and clinical infrastructure for research on infants at risk for autism	$449,353	Q1.L.A	Emory University
Identification and analysis of ASD patients with PI3K/mTOR signalopathies	$66,500	Q2.Other	Emory University
Language processing in children with 22q11 deletion syndrome and autism	$0	Q2.S.G	Emory University
Simons Variation in Individuals Project (Simons VIP)	$372,288	Q2.S.G	Emory University
A genome-wide search for autism genes in the SSC Emory	$0	Q3.L.B	Emory University
Simons Simplex Collection support grant	$30,000	Q3.L.B	Emory University
5-hydroxymethylcytocine-mediated epigenetic regulation in autism	$200,000	Q3.S.J	Emory University
5-Hydroxymethylcytocine-mediated epigenetic regulation in autism spectrum disorders	$60,000	Q3.S.J	Emory University
Novel approaches to enhance social cognition by stimulating central oxytocin release	$119,499	Q4.S.B	Emory University
2013 Dup15q Alliance Scientific Meeting Support	$5,000	Q4.S.E	Dup15q Alliance

Project Title	Funding	Strategic Plan Objective	Institution
Mapping functional neural circuits that mediate social behaviors in autism	$62,500	Q2.Other	Duke University Medical Center
Understanding copy number variants associated with autism	$250,000	Q4.S.B	Duke University Medical Center
Dissecting Reciprocal CNVs Associated With Autism	$0	Q2.Other	Duke University
Engagement of Social Cognitive Networks during Game Play in Autism	$0	Q2.Other	Duke University
The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	$25,000	Q2.S.G	Duke University
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	$0	Q4.S.B	Duke University
Functional study of synaptic scaffold protein SHANK3 and autism mouse model	$0	Q4.S.B	Duke University
Evaluating epidemiological and biostatistical challenges in the EARLI investigation	$0	Q3.L.A	Drexel University
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	$150,000	Q3.L.C	Drexel University
Early life environmental exposures and autism in an existing Swedish birth cohort	$0	Q3.S.H	Drexel University
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	$29,423	Q3.S.H	Drexel University
Misregulation of microtubule dynamics in Autism	$60,000	Q4.S.B	Drexel University
Efficacy of N-acetyl cysteine in autism	$146,555	Q4.S.C	Deakin University
Neural underpinning of emotion perception and its disorders	$15,000	Q2.Other	Dartmouth College
Preference acquisition in children and adolescents with and without autism spectrum disorder	$0	Q2.Other	Dalhousie University
Testing the tuning-width hypothesis in a unified theory for autism	$60,000	Q1.L.B	Columbia University Medical Center
Modeling alteration of RBFOX1 (A2BP1) target network in autism	$60,000	Q2.Other	Columbia University
Investigation of a possible role of the protocahderin gene cluster in autism	$150,000	Q2.Other	Columbia University
Neuroprotective effects of oxytocin receptor signaling in the enteric nervous system	$0	Q2.Other	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	$100,000	Q2.Other	Columbia University
Role of neurexin in the amygdala and associated fear memory	$0	Q2.Other	Columbia University

Project Title	Funding	Strategic Plan Objective	Institution
Aberrant synaptic form and function due to TSC-mTOR-related mutation in autism spectrum disorders	$150,000	Q2.S.D	Columbia University
Molecular analysis of gene-environment interactions in the intestines of children with autism	$150,000	Q2.S.E	Columbia University
Simons Variation in Individuals Project (VIP) Statistical Core Site	$221,381	Q2.S.G	Columbia University
Simons Variation in Individuals Project (VIP) Principal Investigator	$123,623	Q2.S.G	Columbia University
Identification of functional networks perturbed in autism	$60,000	Q3.L.B	Columbia University
Simons Simplex Collection support grant	$21,675	Q3.L.B	Columbia University
Evaluating the Functional Impact of Epigenetic Control Related Genes Mutated in both Schizophrenia and Autism	$0	Q3.S.J	Columbia University
Investigating the effects of chromosome 22q11.2 deletions	$150,000	Q4.S.B	Columbia University
Cell type-specific profiling for autism spectrum disorders	$0	Q4.S.B	Columbia University
Growing Up Aware: A parent-based sexuality intervention for children with autism spectrum disorders	$20,000	Q4.S.H	Columbia University
Autism Treatment Network (ATN) 2011- Columbia University	$25,000	Q7.N	Columbia University
Investigation of social brain circuits and fever-evoked response in 16p11.2 mice	$0	Q2.Other	Cold Spring Harbor Laboratory
Alterations in brain-wide neuroanatomy in autism mouse models	$300,000	Q2.Other	Cold Spring Harbor Laboratory
Social brain circuits and fever-evoked response in 16p11.2 mice	$87,500	Q2.Other	Cold Spring Harbor Laboratory
Understanding the Genetic Architecture of Rett Syndrome - an Autism Spectrum Disorder	$0	Q2.S.D	Cold Spring Harbor Laboratory
Auditory cortical plasticity in a mouse model of Rett syndrome	$43,501	Q2.S.D	Cold Spring Harbor Laboratory
Genetic basis of autism	$4,000,571	Q3.L.B	Cold Spring Harbor Laboratory
Whole Brain Mapping of the Effects of Intranasal Oxytocin in CNTNAP2 KO Mouse Model of Autism	$0	Q4.Other	Cold Spring Harbor Laboratory
16p11.2: defining the gene(s) responsible	$175,000	Q4.S.B	Cold Spring Harbor Laboratory
16p11.2: Defining the gene(s) responsible (grant 1)	$104,190	Q4.S.B	Cold Spring Harbor Laboratory
Banbury Center Conference	$0	Q7.K	Cold Spring Harbor Laboratory
Clinical Research Associates	$1,175,000	Q7.K	Clinical Research Associates
Behavioral and cognitive characteristics of females and males with autism	$0	Q2.S.B	Cleveland Clinic Foundation

Project Title	Funding	Strategic Plan Objective	Institution
Testing the ribosomal protein S6 as treatment target and biomarker in autism spectrum disorders	$60,000	Q2.S.D	Cincinnati Childrens Hospital Medical Center
Acamprosate in Youth with Autism Spectrum Disorders	$149,719	Q4.S.F	Cincinnati Childrens Hospital Medical Center
The PI3K Catalytic Subunit p110delta as Biomarker and Therapeutic Target in Autism and Schizophrenia	$0	Q2.Other	Cincinnati Children's Hospital Medical Center University of Cincinnati
Extracellular signal-related kinase biomarker development in autism	$115,779	Q1.L.B	Cincinnati Children's Hospital Medical Center - Research Foundation
Autism Treatment Network (ATN) 2011 - Cincinnati Children's Hospital Medical	$140,000	Q7.N	Cincinnati Children's Hospital Medical Center
Activity-dependent Mechanisms of Visual Circuit Formation	$0	Q2.Other	Children's Research Institute (CRI) Children's National Medical Center
A Community-Based Executive Function Intervention for Low-Income Children with ADHD and ASD	$1,757,884	Q4.L.D	Children's Research Institute
Characterizing 22q11.2 abnormalities	$62,498	Q2.S.D	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	$0	Q2.S.G	Children's Hospital of Philadelphia
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	$53,104	Q4.Other	Children's Hospital of Philadelphia
Autism Treatment Network (ATN) 2011- CHOP	$140,000	Q7.N	Children's Hospital of Philadelphia
Functional consequences of disrupted MET signaling	$0	Q4.S.B	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	$140,000	Q7.N	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- University of Colorado Denver	$140,000	Q7.N	Children's Hospital Colorado
Identifying disparities in access to treatment for young children with autism	$9,990	Q5.S.A	Chapin Hall at University of Chicago
A Controlled Trial of Transcendental Meditation to Treat Anxiety and Stress Among Adolescents with Autism Spectrum Disorders	$10,400	Q4.S.A	Center for Autism Assessment and Treatment
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	$22,400	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	$22,750	Q4.L.D	Center for Autism and Related Disorders (CARD)
Design and evaluation of a motion-sensing computer program for teaching children with autism	$23,100	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing flexibility in children with autism	$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify others' knowledge	$13,650	Q4.L.D	Center for Autism and Related Disorders (CARD)

Project Title	Funding	Strategic Plan Objective	Institution
Teaching children with autism to identify social saliency: Shifting attention	$14,700	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	$21,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Comparing table based instruction with Ipad instruction in the teaching of receptive labels.	$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Validity of the CARD Indirect Functional Analysis.	$45,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Using eLearning to train educational staff to implement paired-choice preference assessments	$66,500	Q4.S.C	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building Individualized Education Plans.	$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
The effects of behavioral intervention on neurological measures of working memory	$55,000	Q4.S.F	Center for Autism and Related Disorders (CARD)
Response interruption and redirection for stereotypy	$9,800	Q5.L.A	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	$23,100	Q5.L.A	Center for Autism and Related Disorders (CARD)
Validity of a web-based indirect Skills Assessment	$65,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	$45,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	$28,000	Q5.L.C	Center for Autism and Related Disorders (CARD)
Impact of NR2B mutations on NMDA receptors and synapse formation	$60,000	Q2.Other	Case Western Reserve University
ERK signaling in autism associated with copy number variation of 16p11.2	$0	Q2.Other	Case Western Reserve University
Identification of genes responsible for a genetic cause of autism	$125,000	Q2.Other	Case Western Reserve University
TrkB agonist therapy for sensorimotor dysfunction in Rett syndrome	$141,976	Q2.S.D	Case Western Reserve University
Reliability of Sensory-Evoked Activity in Autism Spectrum Disorders- Project 1	$0	Q2.L.B	Carnegie Mellon University
Using high definition fiber tracking to define developmental neurobiologic mechanisms & a neural basis for behavioral heterogeneity	$0	Q2.Other	Carnegie Mellon University
Unreliability of neuronal responses in mouse models of autism	$62,500	Q2.Other	Carnegie Mellon University
Investigating brain organization and activation in autism at the whole-brain level	$30,000	Q2.Other	California Institute of Technology
Autism and the insula: Genomic and neural circuits	$0	Q2.Other	California Institute of Technology

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The mechanism of the maternal infection risk factor for autism	$150,000	Q2.S.A	California Institute of Technology
Direct recording from autism brains	$120,148	Q2.S.E	California Institute of Technology
Single-unit recordings in neurosurgical patients with autism	$56,900	Q2.S.E	California Institute of Technology
Tuning anxiety out: Exploring the potential of noise cancellation in ASD sound sensitivity	$0	Q4.S.C	Brunel University
Role of endosomal NHE6 in brain connectivity and autism	$62,500	Q2.Other	Brown University
Linking genetic mosaicism, neural circuit abnormalities and behavior	$62,500	Q2.S.D	Brown University
Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses	$0	Q2.S.G	Broad Institute, Inc.
Rhode Island population and genetics study of autism and intellectual disability	$208,799	Q7.D	Bradley Hospital
The effects of autism on the sign language development of deaf children	$5,000	Q1.S.B	Boston University
A non-interactive method for teaching noun and verb meanings to young children with ASD	$58,900	Q4.Other	Boston University
Perinatal choline supplementation as a treatment for autism	$0	Q4.S.B	Boston University
Neuropeptide regulation of juvenile social behaviors	$14,775	Q2.Other	Boston College
Identifying early biomarkers for autism using EEG connectivity	$0	Q1.L.A	Boston Children's Hospital
Electrophysiological, metabolic and behavioral markers of infants at risk	$0	Q1.L.A	Boston Children's Hospital
RNA expression studies in autism spectrum disorders	$250,000	Q1.L.A	Boston Children's Hospital
Understanding the etiological significance of attentional disengagement in infants at-risk for ASD	$49,000	Q2.L.A	Boston Children's Hospital
Corticothalamic circuit interactions in autism	$200,000	Q2.Other	Boston Children's Hospital
Role of microglia and complement at developing synapses in ASD	$122,500	Q2.S.A	Boston Children's Hospital
Probing synaptic receptor composition in mouse models of autism	$249,995	Q2.S.D	Boston Children's Hospital
A cerebellar mutant for investigating mechanisms of autism in Tuberous Sclerosis	$149,967	Q2.S.D	Boston Children's Hospital
Simons Variation in Individuals Project (VIP) Site	$624,864	Q2.S.G	Boston Children's Hospital
Characterization of infants and toddlers with the 16p copy-number variation	$149,372	Q2.S.G	Boston Children's Hospital
Molecular Characterization of Autism Gene CHD8 in Shaping the Brain Epigenome	$35,000	Q3.L.B	Boston Children's Hospital

Project Title	Funding	Strategic Plan Objective	Institution
Finding recessive genes for autism spectrum disorders	$175,000	Q3.L.B	Boston Children's Hospital
Simons Simplex Collection support grant	$23,171	Q3.L.B	Boston Children's Hospital
Randomized phase 2 trial of RAD001 (an MTOR inhibitor) in patients with tuberous sclerosis complex	$0	Q4.L.A	Boston Children's Hospital
Treating autism and epileptic discharges with valproic acid	$68,088	Q4.S.A	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital Site	$91,174	Q4.S.B	Boston Children's Hospital
Preclinical Autism Consortium for Therapeutics (PACT)- Boston Children's Hospital	$172,009	Q4.S.B	Boston Children's Hospital
Developing fNIRS as a brain function indicator in at-risk infants	$223,738	Q1.L.A	Birkbeck College
The effects of disturbed sleep on sleep-dependent memory consolidation and daily function in individuals with ASD	$0	Q2.S.E	Beth Israel Deaconess Medical Center
Comparing AMMT vs. Control Therapy in facilitating speech output in nonverbal children with autism	$0	Q4.S.G	Beth Israel Deaconess Medical Center
Telehealth System to Improve Medication Management of ASD Remotely	$95,480	Q7.Other	Behavior Imaging Solutions
Hippocampal mechanisms of social learning in animal models of autism	$62,500	Q2.Other	Baylor College of Medicine
Multisensory processing in autism	$0	Q2.Other	Baylor College of Medicine
Motor cortex plasticity in MeCP2 duplication syndrome	$125,000	Q2.S.D	Baylor College of Medicine
TMLHE deficiency and a carnitine hypothesis for autism	$60,000	Q2.S.D	Baylor College of Medicine
Simons Variation in Individuals Project (VIP) Site	$316,306	Q2.S.G	Baylor College of Medicine
Simons Simplex Collection support grant	$26,824	Q3.L.B	Baylor College of Medicine
Preclinical Autism Consortium for Therapeutics (PACT) at Baylor College of Medicine	$98,351	Q4.S.B	Baylor College of Medicine
Rat knockout models of ASD	$0	Q4.S.B	Baylor College of Medicine
Integrative system biology of iPSC-induced neurons for identifying novel drug targets	$56,900	Q4.S.B	Baylor College of Medicine
Trial of carnitine therapy in TMLHE deficiency and non-dysmorphic autism	$330,439	Q4.S.C	Baylor College of Medicine
Autism Treatment Network (ATN) 2011- BCM/TCH	$25,000	Q7.N	Baylor College of Medicine
Baby Siblings Research Consortium	$2,698	Q1.S.B	Autism Speaks (AS)
Autism Genome Project (AGP)	$0	Q3.L.B	Autism Speaks (AS)
Autism Tissue Program (ATP)	$236,009	Q7.D	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	$676,333	Q7.D	Autism Speaks (AS)
Bioinformatics support for AGRE	$263,552	Q7.D	Autism Speaks (AS)

Project Title	Funding	Strategic Plan Objective	Institution
Autism Treatment Network (ATN)	$732,883	Q7.N	Autism Speaks (AS)
Building awareness of the value of brain tissue donation for autism research	$360,525	Q2.S.C	Autism Science Foundation
Addressing challenges to post-mortem tissue donation in families affected with autism	$64,000	Q2.S.C	Autism Science Foundation
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	$169,295	Q1.L.A	Autism Consortium
Autism Consortium	$952,306	Q7.N	Autism Consortium
The role of mTOR inhibitors in the treatment of autistic symptoms in symptomatic infantile spasms	$0	Q2.S.E	Albert Einstein College of Medicine of Yeshiva University
Resilience Education for Increasing Success in Postsecondary Education	$67,250	Q6.Other	3-C Institute for Social Development
Foundation Associates agreement (BrainNet)	$0	Q7.D	